



# 5A/10  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wieslaw J. Staszewski

Art Unit : 2857

Serial No. : 10/027,772

Examiner : Unknown

Filed : December 20, 2001

Title : STRUCTURAL HEALTH MONITORING

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

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In the claims:

Please cancel claims 23 and 46 without prejudice.

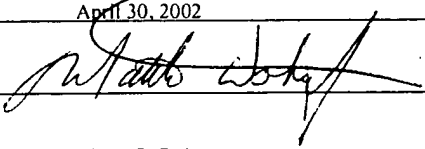
Please amend the claims as follows:

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1. (Amended) A method of determining the structural health of a body, the method comprising the steps of identifying at least one phase characteristic of a signal represented by first data, the first data being derived from the body while bearing at least a guided wave produced in response to application of at least one excitation signal to the body, and providing a measure of the structural health of the body using the at least one phase characteristic.
2. (Amended) A method as claimed in claim 1, in which the step of identifying at least one phase characteristic comprises the step of calculating a phase modulation of the first data

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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